

Electrically insulated fastening arrangement
for an airbag module

C l a i m s

1. Fastening arrangement for an airbag module in motor vehicles, wherein the gas generator is fastened by means of at least one stay bolt and nut screwed thereupon, the bolt being designed for the gas generator and penetrating through at least one hole of a retaining member that serves for mounting the airbag module and fastening to a vehicle part, characterized in that an electrical insulation (23, 24, 26) is arranged between gas generator (15) and retaining member (17).
2. Fastening arrangement according to claim 1, characterized in that a shell (23), which is made of an electrically insulating material and engages said hole (30) of said retaining member (17) with at least one shoulder (24) and forms an insulation between said stay bolt (18) and the hole edge of said retaining member (17), which surrounds said stay bolt, is arranged extending at least across the

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contact area between gas generator(15) and retaining member (17), and that a bushing (26) made of an electrically insulating material is arranged on said retaining member (17) between said nut (22) screwed on said stay bolt (18) and the bearing surface of said nut.

3. Fastening arrangement according to claim 1 or 2, characterized in that said shoulder (24) of said shell (23) demonstrates a hook-like radial projection (25) lying on the external side of said retaining member (17) facing away from the gas generator.
4. Fastening arrangement according to claim 3, characterized in that said shoulder (24) of the shell (23) having said hook-like projection (25) is designed resilient and locks with the vehicle part (17) when pushed through said hole (30) of the retaining member (17).
5. Fastening arrangement according to claim 4, characterized in that said radial projection (25) of said shoulder (24) forms a support for said bushing (26).
6. Fastening arrangement according to claim 4, characterized in that said bushing (26) engages said projection (25) externally and that its edge lies all-over on said retaining member (17).



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7. Fastening arrangement according to claim 6, characterized in that the inner surface (28) of said bushing (26) engaging said projection (25) and the outer surface (27) of said projection (25) are designed as slanted surfaces that correspond to each other.
8. Fastening arrangement according to claim one of the claims 1 to 7, characterized in that said electrical insulating material is a plastic.
9. Fastening arrangement according to claim one of the claims 1 to 8, characterized in that a compound-impregnated cable (31) connects said stay bolt (18) to an electrically conducting vehicle part.
10. Fastening arrangement according to claim one of the claims 1 to 9, characterized in that said retaining member (17) serving to fasten said airbag module (10) is fastened to the structure of a car seat.

Translator's notes:

In the German source text, Claim 4 incorrectly numbers the vehicle part as "17."

The following terms could not be verified and were rendered by their roots:

Anlagebereich	seating area
Auflagerfläche	bearing surface
Befestigungshaken 21	fastening hook
Halteteil	retaining member
Fahrzeugteil	vehicle part
Montagehaken	mounting hook
Öffnungsrand	hole edge
Schrägfläche	slanted surface